

GenCore version 4.5  
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OM protein - protein search, using sw model

Run on: March 1, 2001, 15:49:34 ; Search time 140.11 seconds  
(without alignments)  
5.511 Million cell updates/sec

Title: US-09-331-631A-3\_COPY\_74\_116

Perfect score: 250  
Sequence: 1 NODPQTDCQCCQRRRCROE.....RQOYCRCKEICEEEY 43

Scoring table:  
BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database :  
1: /cgn2\_6/prodata/2/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/2/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/1aa/6\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/1aa/PCTUS93\_COMB.pep:\*  
5: /cgn2\_6/prodata/2/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	112	44.8	566	1	US-07-955-905A-2
2	112	44.8	566	1	US-07-955-905A-22
3	96	38.4	587	1	US-07-955-905A-23
4	63.5	25.4	34	2	US-08-822-561-1
5	61.5	23.8	301	2	US-08-656-906-25
6	59.5	23.4	215	4	PCT-US93-05000-33
7	58.5	23.4	88	2	US-08-465-380-43
8	58.5	23.4	88	2	US-08-486-397-43
9	58.5	23.4	88	2	US-08-486-399-43
10	58.5	23.4	88	2	US-08-461-965-43
11	58.5	23.4	88	2	US-08-634-641-43
12	58.5	23.4	88	3	US-09-249-471-43
13	58.5	23.4	88	3	US-09-249-472-43
14	58.5	23.4	88	3	US-09-249-451-43
15	58.5	23.4	88	3	US-08-809-455-43
16	58.5	23.4	88	3	US-09-249-461-43
17	58.5	23.4	88	3	US-09-249-448-43
18	58.5	23.4	514	2	US-08-960-022-14
19	58	23.2	440	1	US-08-333-358-8
20	58	23.2	440	1	US-08-463-694-8
21	58	23.2	440	1	US-08-694-501-8
22	58	23.2	447	1	US-08-373-935-1
23	57.5	23.0	644	1	US-08-336-708A-9
24	57.5	23.0	1210	2	US-08-484-438-7
25	57.5	23.0	1210	2	US-08-475-035-4
26	57	22.8	223	3	US-09-066-408-11
27	55.5	22.2	303	1	US-08-109-391A-2
28	55.5	22.2	303	1	US-08-459-019A-2

29	55.5	22.2	303	2	US-08-460-428A-2	Sequence 2, App11
30	55.5	22.2	303	3	US-08-458-860A-2	Sequence 2, App11
31	54.5	21.8	293	3	US-09-203-716-2	Sequence 2, App11
32	54	21.6	223	3	US-09-066-408-7	Sequence 7, App11
33	54	21.6	223	3	US-09-066-408-8	Sequence 8, App11
34	54	21.6	223	3	US-09-066-408-9	Sequence 9, App11
35	54	21.6	752	1	US-08-244-189-2	Sequence 2, App11
36	53.5	21.4	113	1	US-08-320-559-37	Sequence 37, App1
37	53.5	21.4	113	3	US-08-545-860D-37	Sequence 37, App1
38	53.5	21.4	113	4	PCT-US94-04496-37	Sequence 37, App1
39	53.5	21.4	1400	1	US-08-080-255-7	Sequence 7, App11
40	53.5	21.4	1400	3	US-08-465-713-7	Sequence 7, App11
41	53.5	21.4	1400	4	PCT-US93-05857-7	Sequence 7, App11
42	53	21.2	174	2	US-08-464-517-50	Sequence 50, App1
43	53	21.2	174	2	US-08-246-361A-50	Sequence 50, App1
44	53	21.2	174	3	US-08-463-772-50	Sequence 50, App1
45	53	21.2	460	1	US-08-342-411A-2	Sequence 2, App11

## ALIGNMENTS

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RESULT 1
US-07-955-905A-2
; Sequence 2, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
; PRECURSOR
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/955,905A
; FILING DATE: 21-JAN-1993
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 566 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-955-905A-2

Query Match 44.8%; Score 112; DB 1; Length 566;
Best local Similarity 47.5%; Pred. No. 4.7e-05;
Matches 19; Conservative 10; Mismatches 11; Indels 0; Gaps 0;

QY 2 QDDPQTDCQCCQRRRCROESGPRQOYCRCKEICEEE 41
Db 78 EEELRLROYQCCQRCROEOGGQREQQCCQRCWEQYKDE 117

RESULT 2
US-07-955-905A-22
; Sequence 22, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
; PRECURSOR
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
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1  APPLICATION NUMBER: US/07/955,905A
2  FILING DATE: 21-JAN-1993
3  CLASSIFICATION: 435
4  INFORMATION FOR SEQ ID NO: 22:
5  SEQUENCE CHARACTERISTICS:
6  LENGTH: 566 amino acids
7  TYPE: amino acid
8  TOPOLOGY: linear
9  MOLECULE TYPE: protein
10 ORIGINAL SOURCE:
11 ORGANISM: Theobroma cacao
12 FEATURE:
13 NAME/KEY: Protein
14 LOCATION: 1..566
15 OTHER INFORMATION: /note= "67 kD Precursor Protein"
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17 US-07-955-905A-22
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19 Query Match 44.8%; Score 112; DB 1; Length 566;
20 Best Local Similarity 47.5%; Pred. No. 4.7e-05;
21 Matches 19; Conservative 10; Mismatches 11; Indels 0; Gaps 0
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23 QY 2 QDDPQTDCQCCORRCQDESGPRQOQYCCQRCKEICEEEE 41
24 ::: | ||| |::: | |::| |::| |::|
25 DB 78 EEELQROYQCCGRCQEQDQGGREQDQCCQRKCKEYKKEE 117
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27 RESULT 3
28 US-07-955-905A-23
29 Sequence 23, Application US/07955905A
30 Patent No. 5770433
31 GENERAL INFORMATION:
32 APPLICANT:
33 TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
34 TITLE OF INVENTION: PRECURSOR
35 NUMBER OF SEQUENCES: 28
36 COMPUTER READABLE FORM:
37 MEDIUM TYPE: Floppy disk
38 COMPUTER: IBM PC compatible
39 OPERATING SYSTEM: PC-DOS/MS-DOS
40 SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
41 CURRENT APPLICATION DATA:
42 APPLICATION NUMBER: US/07/955,905A
43 FILING DATE: 21-JAN-1993
44 CLASSIFICATION: 435
45 INFORMATION FOR SEQ ID NO: 23:
46 SEQUENCE CHARACTERISTICS:
47 LENGTH: 587 amino acids
48 TYPE: amino acid
49 TOPOLOGY: linear
50 MOLECULE TYPE: protein
51 ORIGINAL SOURCE:
52 ORGANISM: Gossypium hirsutum
53 FEATURE:
54 NAME/KEY: Protein
55 LOCATION: 1..587
56 OTHER INFORMATION: /note= "Vicillin from G. hirsutum"
57
58 US-07-955-905A-23
59
60 Query Match 38.4%; Score 96; DB 1; Length 587;
61 Best Local Similarity 42.5%; Pred. No. 0.0025;
62 Matches 17; Conservative 11; Mismatches 10; Indels 2; Gaps 1
63
64 QY 3 DDPTDCQCCORRCQDESGPRQOQYCCQRCKEICEEEE 42
65 ::| |::| |::| |::| |::| |::| |::|
66 DB 80 EDPQRYECCQCECRQDE--RQPCQCCQCIKRFEPQDQ 117
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68 RESULT 4
69 US-08-822-561-1
70 Sequence 1, Application US/08822561
71 Patent No. 5905187

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1      MEDIUM TYPE: Floppy disk
2      COMPUTER: IBM PC compatible
3      OPERATING SYSTEM: PC-DOS/MS-DOS
4      SOFTWARE: Patientin Release #1.0, Version 1.0
5      CURRENT APPLICATION DATA:
6      APPLICATION NUMBER: US/08/656,906
7      FILING DATE: 03-JUN-1996
8      CLASSIFICATION: 514
9      PRIOR APPLICATION DATA:
10     APPLICATION NUMBER: US 08/
11     FILING DATE: 03-JUN-1996
12     PRIOR APPLICATION DATA:
13     APPLICATION NUMBER: WO WO 95/25809
14     FILING DATE: 23-MAR-1995
15     PRIOR APPLICATION DATA:
16     APPLICATION NUMBER: US 08/216,534
17     FILING DATE: 23-MAR-1994
18     ATTORNEY/AGENT INFORMATION:
19     NAME: Ingolla, Diane E.
20     REGISTRATION NUMBER: 40,027
21     REFERENCE/DOCKET NUMBER: CASE-02280
22     TELECOMMUNICATION INFORMATION:
23     TELEPHONE: (415) 705-8610
24     TELEX: (415) 397-8338
25     INFORMATION FOR SEQ ID NO: 25:
26     SEQUENCE CHARACTERISTICS:
27     LENGTH: 301 amino acids
28     TYPE: amino acid
29     TOPOLOGY: linear
30     MOLECULE TYPE: protein
31     US-08-656,906-25

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Query Match	24.6%	Score 61.5	DB 2	length 301
Best Local Similarity		Pred. No. 6.8		
Matches	11	Conservative	9	Mismatches 10; Indels 5; Gaps 1
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		1:::1::1::		

RESULT 6  
PCT-US93-05000-33  
: Sequence 33, Application PC/TUS9305000  
: GENERAL INFORMATION:  
: APPLICANT: MITOITX  
: TITLE OF INVENTION: D-Type Cyclin and Uses Related Thereof  
: NUMBER OF SEQUENCES: 42  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P. C.  
: STREET: Two Millilla Drive  
: CITY: Lexington  
: STATE: Massachusetts  
: COUNTRY: US  
: ZIP: 02173  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: PatentIn Release #1.0, Version #1.25  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: PCT/US93/05000  
: FILING DATE: 19930525  
: CLASSIFICATION:  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US/07/888,178  
: FILING DATE: 26-MAY-1992  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Granahan, Patricia  
: REGISTRATION NUMBER: 32,127  
: REFERENCE/DOCKET NUMBER: CSHL91-02A  
: TELECOMMUNICATION INFORMATION:

```

: TELEPHONE: 617-861-6240
:
: TELEFAX: 616-861-9540
:
: INFORMATION FOR SEQ ID NO:
:
: SEQUENCE CHARACTERISTICS
:
: LENGTH: 215 amino acids
:
: TYPE: AMINO ACID
:
: TOPOLOGY: unknown
:
: MOLECULE TYPE: protein
:
PCT-US93-05000-33

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Query Match	23.8%;	Score 59.5;	DB 4;	Length 215;
Best Local Similarity	27.0%;	Pred. NO. 8.2;		
Matches 17; Conservative	8;	Mismatches 15;	Indels 23;	Gaps 3;

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QY      4 DPGID-----CQCQR-RCRQESGPRQ-----QYCQRCKEICEEE 40
        |||       | :| :|| :          :| :| :|
Db     26 DPQPPGDRLQLSLPLERCVCVHCAVFQCQGRSKPHNRKMLVYMWLEVEECCEECCKE 85
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QY	41	EEX	43
		1	:
Db	86	EVF	88

RESULT 7  
US-08-465-380-43  
; Sequence 43, Application US/08465380  
; Patent No. 5863894

GENERAL INFORMATION: :  
: APPLICANT: George P. Vlasuk, Patric H. Stanssens, :  
: APPLICANT: Yoris H. L. Mensens, Marc J. Lauwereys, :  
: APPLICANT: Yves R. Laroche, Laurent S. Jespers, :  
: APPLICANT: Yannick G. J. Ganssmans, Matthew Moyle, :  
: APPLICANT: Peter W. Bergum :  
: TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT :  
: TITLE OF INVENTION: PROTEIN :  
: NUMBER OF SEQUENCES: 356 :  
: CORRESPONDENCE ADDRESS: :

ADDRESSSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
;

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;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  IBM P.C.  DOS 5.0
;      SOFTWARE:   Word Perfect 5.1
;      CURRENT ADDITION:  Data

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CURRENT APPLICATION DATA:
APPLICATION NUMBER:  US/08/465,380
FILING DATE:  June 5, 1995
CLASSIFICATION:  530

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PRIORITY APPLICATION: 350  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/326,110  
 FILING DATE: October 18, 1994

ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158

REFERENCE/DOCKET NUMBER: 21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
FAX: (213) 489-0440

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:

LENGTH: 88 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: peptide  
ORIGINAL SOURCE:



APPLICANT: Peter W. Bergum  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,965  
FILING DATE: June 5, 1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/326,110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 210/243  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 88 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-461-965-43

Query Match 23.4%; Score 58.5; DB 2; Length 88;  
Best Local Similarity 36.4%; Pred. No. 4.5;  
Matches 12; Conservative 9; Mismatches 5; Indels 7; Gaps 2;

OY 18 QOESGPRQ-----QOYCORK-ETCEEEY 43  
Db 4 EKEGPHRLDCGNKKPKCKKCKIETSEEDY 36

RESULT 11  
US-08-634-641-43  
Sequence 43, Application US/08634641  
Patent No. 5955294  
GENERAL INFORMATION:  
APPLICANT: Vlasuk, George P. Vlasuk  
APPLICANT: Stanssens, Patrick Eric Hugo  
APPLICANT: Menssens, Joris Hilda Lieven  
APPLICANT: Lauwereys, Marc Josef  
APPLICANT: Laroche, Yves Rene  
APPLICANT: Jaspers, Laurent Stephane  
APPLICANT: Ganssemans, Yannick Georges Jozef  
APPLICANT: Moyle, Matthew  
APPLICANT: Bergum, Peter W.  
TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 356  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/634,641  
FILING DATE: April 19, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/13231  
FILING DATE: October 17, 1995  
APPLICATION NUMBER: 08/486,399  
FILING DATE: June 5, 1995  
APPLICATION NUMBER: 08/486,397  
FILING DATE: June 5, 1995  
APPLICATION NUMBER: 08/465,380  
FILING DATE: June 5, 1995  
APPLICATION NUMBER: 08/461,965  
FILING DATE: June 5, 1995  
APPLICATION NUMBER: 08/326,110  
FILING DATE: October 18, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 219/136  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 88 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
ORIGINAL SOURCE:  
ORGANISM: Ancylostoma caninum  
US-08-634-641-43

Query Match 23.4%; Score 58.5; DB 2; Length 88;  
Best Local Similarity 36.4%; Pred. No. 4.5;  
Matches 12; Conservative 9; Mismatches 5; Indels 7; Gaps 2;

OY 18 QOESGPRQ-----QOYCORK-ETCEEEY 43  
Db 4 EKEGPHRLDCGNKKPKCKKCKIETSEEDY 36

RESULT 12  
US-09-249-471-43  
Sequence 43, Application US/09249471  
Patent No. 6040441  
GENERAL INFORMATION:  
APPLICANT: Vlasuk, George Phillip  
APPLICANT: Stanssens, Patrick Eric Hugo  
APPLICANT: Menssens, Joris Hilda Lieven  
APPLICANT: Lauwereys, Marc Josef  
APPLICANT: Laroche, Yves Rene  
APPLICANT: Jaspers, Laurent Stephane  
APPLICANT: Ganssemans, Yannick Georges Jozef  
APPLICANT: Moyle, Matthew  
APPLICANT: Bergum, Peter W.  
TITLE OF INVENTION: NEMATODE-EXTRACTED SERINE PROTEASE  
TITLE OF INVENTION: INHIBITORS AND ANTICOAGULANT  
NUMBER OF SEQUENCES: 356



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? APPLICANT: Lauwerys, Marc Josef
? APPLICANT: Laroche, Yves Rene
? APPLICANT: Jespers, Laurent Stephane
? APPLICANT: Ganssemans, Yannick Georges Jozef
? APPLICANT: Moyle, Matthew
? APPLICANT: Bergum, Peter W.
? TITLE OF INVENTION: NEMATODE-EXTRACTED SERINE PROTEASE
? TITLE OF INVENTION: INHIBITORS AND ANTICOAGULANT
? TITLE OF INVENTION: PROTEIN
? NUMBER OF SEQUENCES: 356
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Lyon & Lyon
? STREET: 633 West Fifth Street
? STREET: Suite 4700
? CITY: Los Angeles
? STATE: California
? COUNTRY: U.S.A.
? ZIP: 90071
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 3.5" diskette, 1.44 Mb
? MEDIUM TYPE: storage
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: IBM P.C. DOS 5.0
? SOFTWARE: Word Perfect 5.1
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/249,451
? FILING DATE:
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/809,455
? FILING DATE: April 17, 1997
? APPLICATION NUMBER: PCT/US95/13231
? FILING DATE: October 17, 1995
? APPLICATION NUMBER: 08/486,399
? FILING DATE: June 5, 1995
? APPLICATION NUMBER: 08/486,397
? FILING DATE: June 5, 1995
? APPLICATION NUMBER: 08/465,380
? FILING DATE: June 5, 1995
? APPLICATION NUMBER: 08/461,965
? FILING DATE: June 5, 1995
? APPLICATION NUMBER: 08/326,110
? FILING DATE: October 18, 1994
? ATTORNEY/AGENT INFORMATION:
? NAME: BIGGS, SUZANNE L.
? REGISTRATION NUMBER: 30,158
? REFERENCE/DOCKET NUMBER: 216/270
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (213) 489-1600
? TELEFAX: (213) 955-0440
? TELEX: 67-3510
? INFORMATION FOR SEQ ID NO: 43:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 88 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: peptide
? ORIGINAL SOURCE:
? ORGANISM: Ancylostoma caninum
? : :
? US-09-249-451-43

Query Match      23.4%; Score 58.5; DB 3; Length 88;
Best Local Similarity 36.4%; Pred. No. 4.5;
Matches 12; Conservative 9; Mismatches 5; Indels 7; Gaps 2

OY   18 QQESGPR-----QQYCORCK-ETCEEEY 43
      ::||::          ::|:||| | ||::|
Db    4 EEKGPHERLDGNKKPCERKCIETSEEDY 36

RESULT 15
US-08-809-455-43
Sequence 43, Application US/08809455
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```

1 Patent No.6090916
2
3 GENERAL INFORMATION:
4 APPLICANT: Vlasuk, George Phillip
5 APPLICANT: Stanssens, Patrick Eric Hugo
6 APPLICANT: Messens, Joris Hilda Lieven
7 APPLICANT: Lauwereys, Marc Josef
8 APPLICANT: Laroche, Yves Rene
9 APPLICANT: Jespers, Laurent Stephane
10 APPLICANT: Ganssemans, Yannick Georges Jozef
11 APPLICANT: Moyle, Matthew
12 APPLICANT: Bergum, Peter W.
13 TITLE OF INVENTION: NEMATOIDE-EXTRACTED SERINE PROTEASE
14 TITLE OF INVENTION: INHIBITORS AND ANTICOAGULANT
15 TITLE OF INVENTION: PROTEIN
16 NUMBER OF SEQUENCES: 356
17 CORRESPONDENCE ADDRESS:
18 ADDRESSEE: Lyon & Lyon
19 STREET: 633 West Fifth Street
20 STREET: Suite 4700
21 CITY: Los Angeles
22 STATE: California
23 COUNTRY: U.S.A.
24 ZIP: 90071
25
26 COMPUTER READABLE FORM:
27 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
28 MEDIUM TYPE: Storage
29 COMPUTER: IBM Compatible
30 OPERATING SYSTEM: IBM P.C. DOS 5.0
31 SOFTWARE: Word Perfect 5.1
32 CURRENT APPLICATION DATA:
33 APPLICATION NUMBER: US/08/809,455
34 FILING DATE: April 17, 1997
35 PRIOR APPLICATION DATA:
36 APPLICATION NUMBER: PCT/US95/13231
37 FILING DATE: October 17, 1995
38 APPLICATION NUMBER: 08/486,399
39 FILING DATE: June 5, 1995
40 APPLICATION NUMBER: 08/486,397
41 FILING DATE: June 5, 1995
42 APPLICATION NUMBER: 08/465,380
43 FILING DATE: June 5, 1995
44 APPLICATION NUMBER: 08/461,965
45 FILING DATE: June 5, 1995
46 APPLICATION NUMBER: 08/326,110
47 FILING DATE: October 18, 1994
48 ATTORNEY/AGENT INFORMATION:
49 NAME: BIGGS, SUZANNE L.
50 REGISTRATION NUMBER: 30,158
51 REFERENCE/DOCKET NUMBER: 216/270
52 TELECOMMUNICATION INFORMATION:
53 TELEPHONE: (213) 489-1600
54 TELEFAX: (213) 955-0440
55
56 TELEX: 67-3510
57 INFORMATION FOR SEQ ID NO: 43:
58
59 SEQUENCE CHARACTERISTICS:
60 LENGTH: 88 amino acids
61 TYPE: amino acid
62 TOPOLOGY: linear
63 MOLECULE TYPE: peptide
64 ORIGINAL SOURCE:
65 ORGANISM: Ancylostoma caninum
66
67 US-08-809-455-43
68
69 Query Match 23.4%; Score 58.5; DB 3; Length 88;
70 Best Local Similarity 36.4%; Pred. NO. 4.5;
71 Matches 12; Conservative 9; Mismatches 5; Indels 7; Gaps 2
72
73 18 QOESGPRD-----QVYCORCK--EICEEPEEY 43
74 :::|||:::|:|:|:| | |||::|
75 4 EKECGPHERLDGNNKPCERCKKETSEEDDY 36

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Search completed: March 1, 2001, 15:49:34  
Job time: 379 sec

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